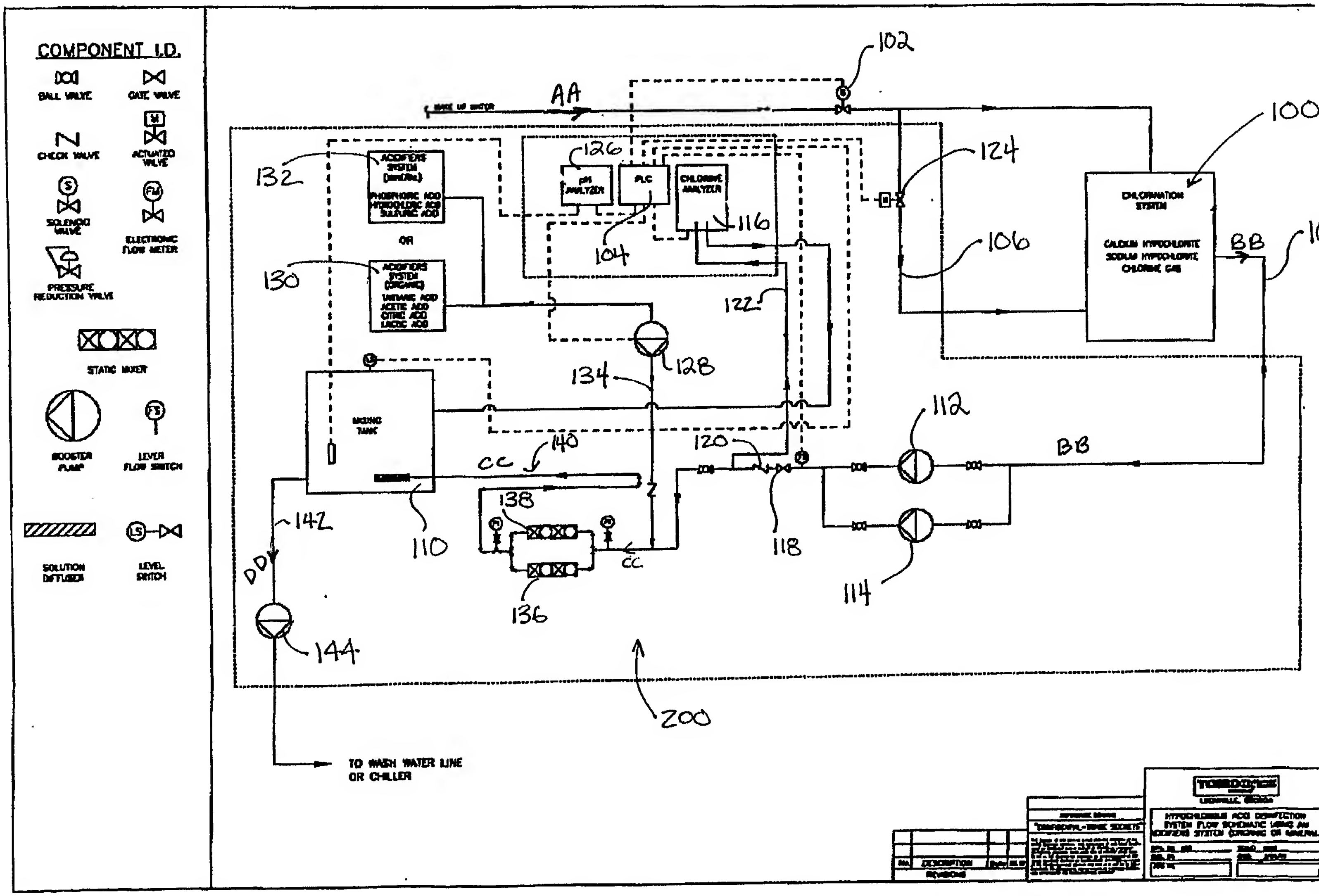
FIG. 1


COMPONENT I.D.
BALL VALVE
GATE VALVE
CHECK VALVE
ACTUATED VALVE
SOLENOID VALVE
ELECTRONIC FLOW METER
PRESSURE REDUCTION VALVE
STATIC MIXER
BOOSTER PUMP
LEVER FLOW SWITCH
SOLUTION DIFFUSER
LEVEL SWITCH
AA
BB
CC
DD
100
102
104
106
108
110
112
114
116
118
120
122
124
126
128
130
132
134
136
138
140
142
144
200
pH ANALYZER
PLC
CHLORINE ANALYZER
CHLORINATION SYSTEM
CALCIUM HYPOCHLORITE
SODIUM HYPOCHLORITE
CHLORINE GAS
OR
MIXING TANK
TO WASH WATER LINE
OR CHILLER

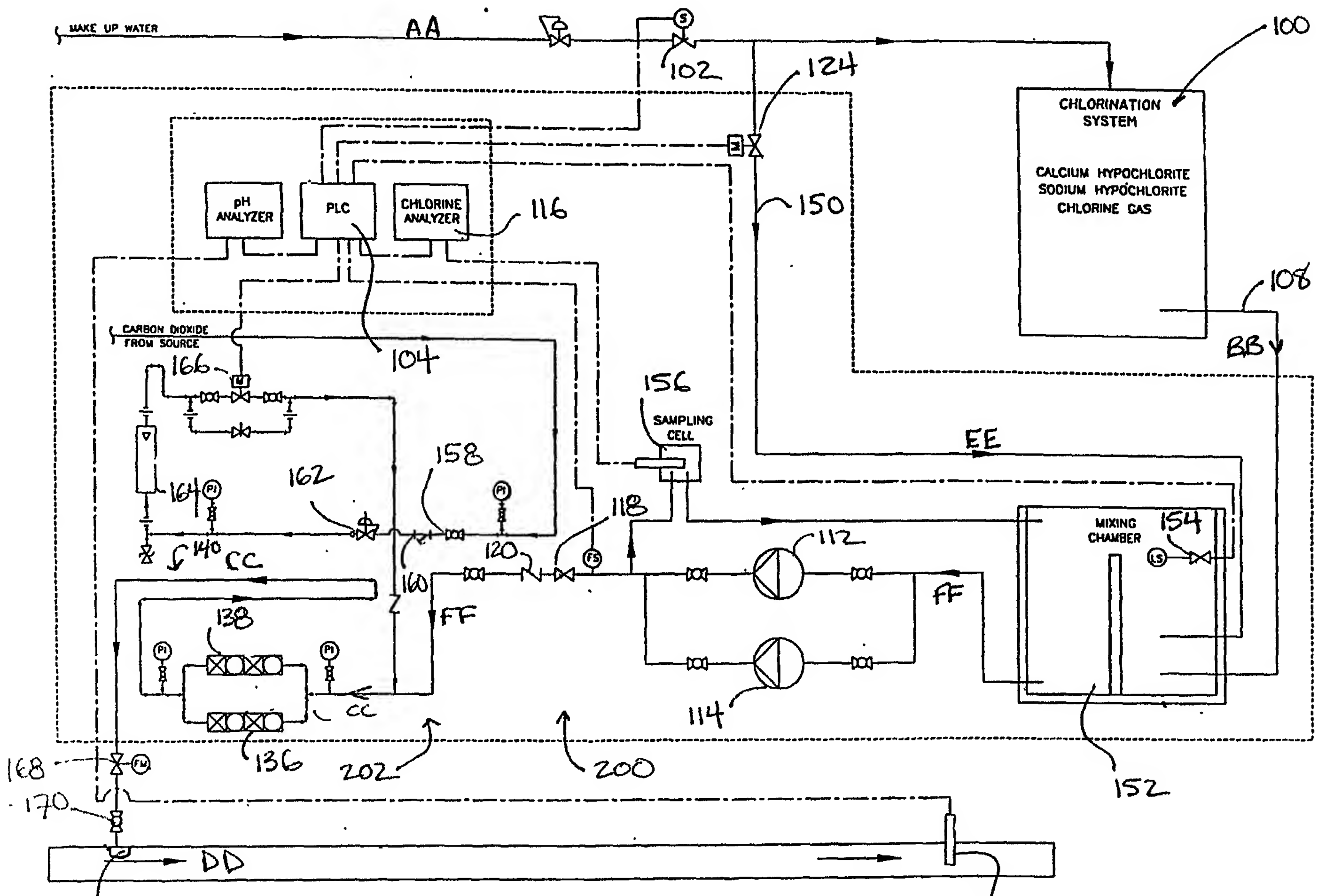

MAKE UP WATER
AA
102
124
100
CHLORINATION SYSTEM
CALCIUM HYPOCHLORITE
SODIUM HYPOCHLORITE
CHLORINE GAS
pH ANALYZER
PLC
CHLORINE ANALYZER
116
150
108
CARBON DIOXIDE FROM SOURCE
104
BB
166
156
SAMPLING CELL
EE
164
162
158
118
112
MIXING CHAMBER
154
140
CC
120
160
FF
138
CC
136
202
200
114
152
168
170
DD
172
174

FIG. 2

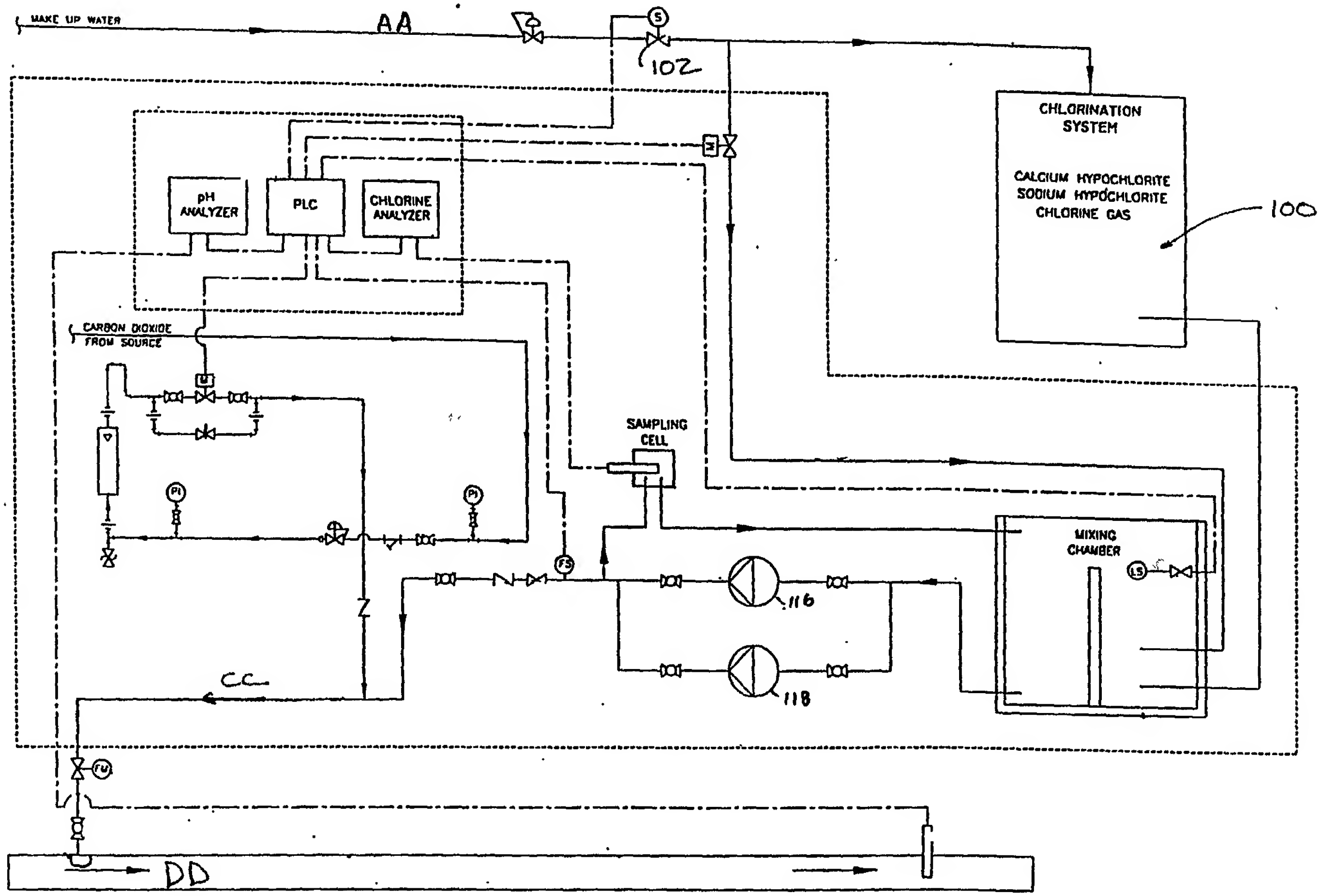

MAKE UP WATER
AA
S
102
CHLORINATION SYSTEM
CALCIUM HYPOCHLORITE
SODIUM HYPOCHLORITE
CHLORINE GAS
100
pH ANALYZER
PLC
CHLORINE ANALYZER
CARBON DIOXIDE FROM SOURCE
PI
PI
SAMPLING CELL
FS
MIXING CHAMBER
LS
116
118
CC
FM
DD

FIG. 3